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| | | | |
|---|---|---|---|
| B | G | B | G |
| G | R | G | R |
| B | G | B | G |
| G | R | G | R |

↑
1

FIG. 1

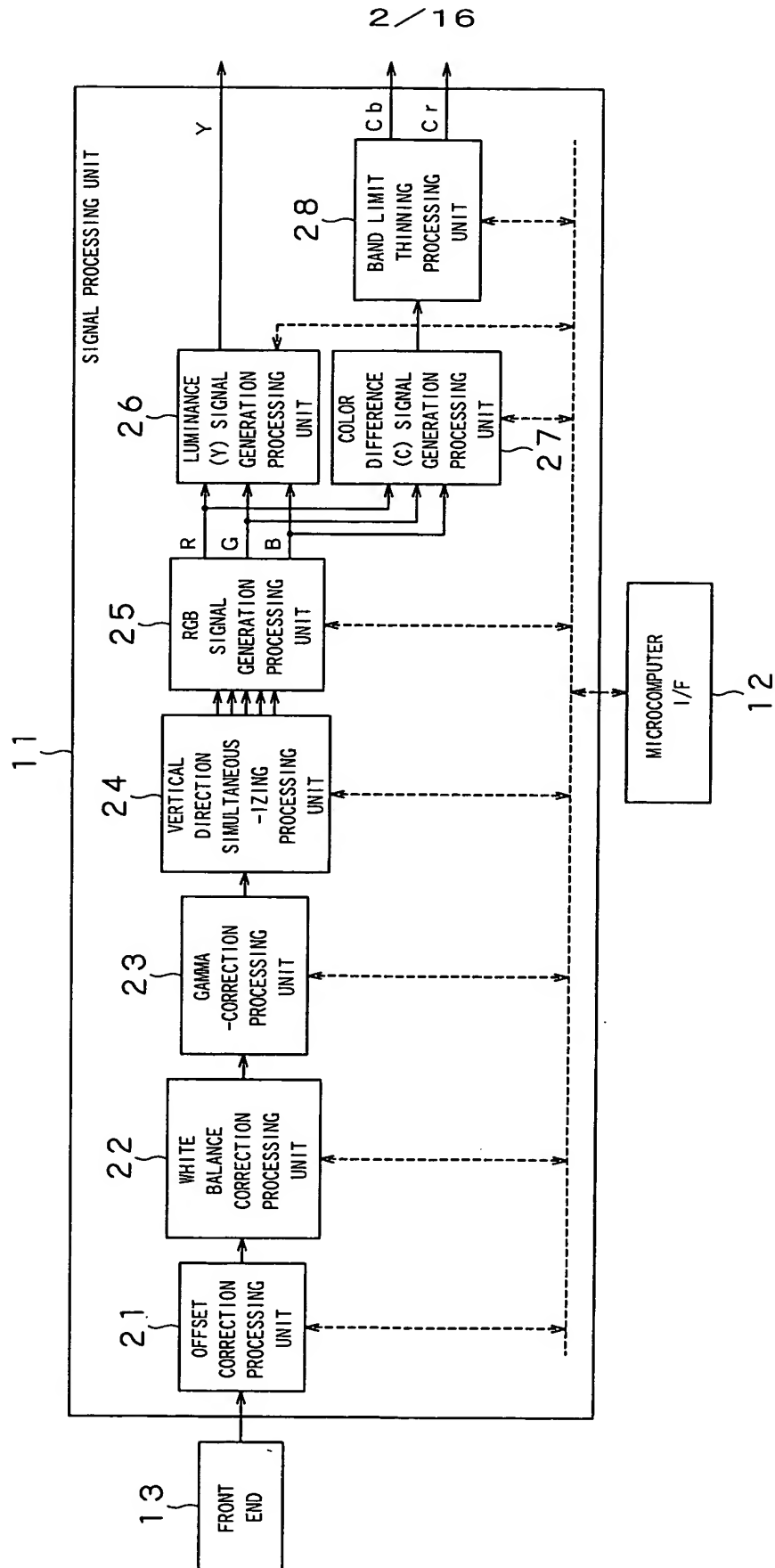


FIG.2

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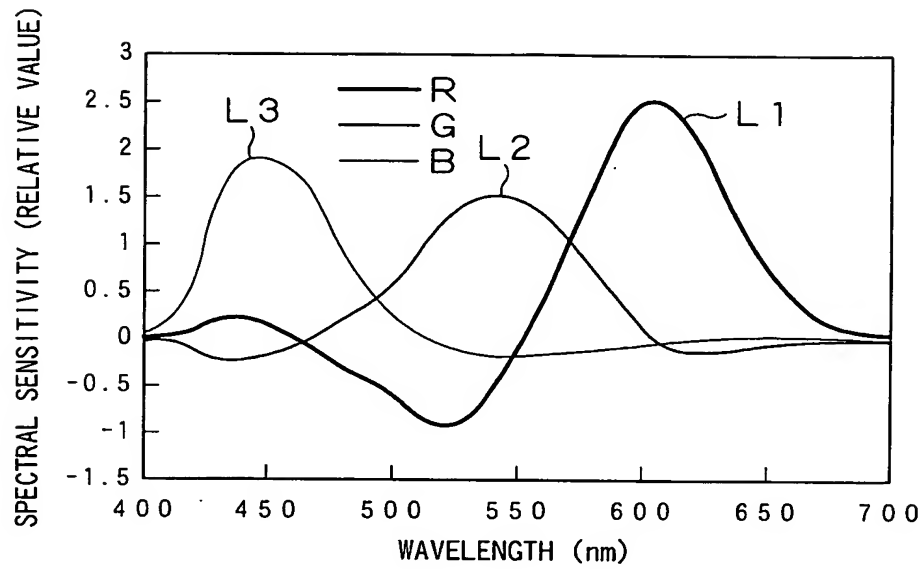


FIG. 3

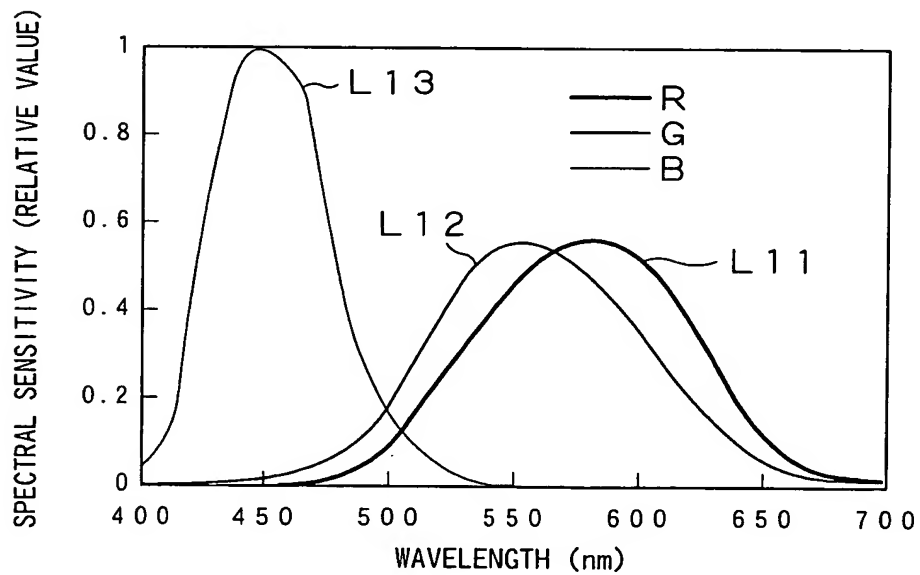


FIG. 4

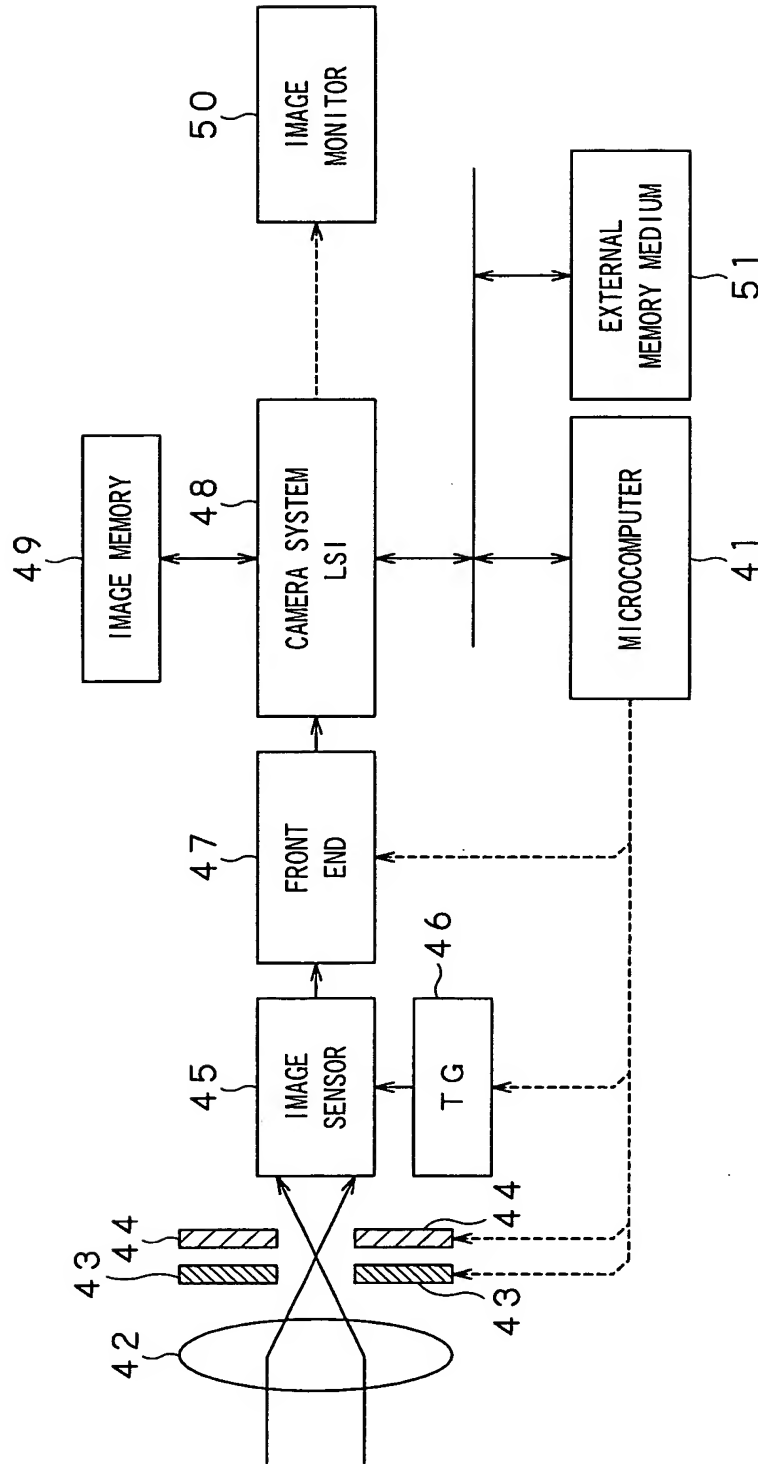


FIG. 5

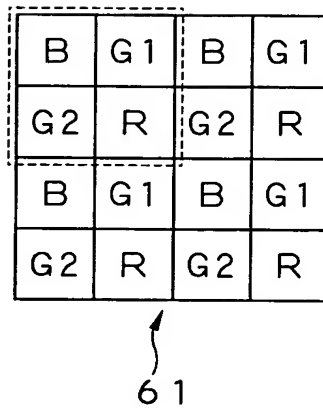


FIG. 6

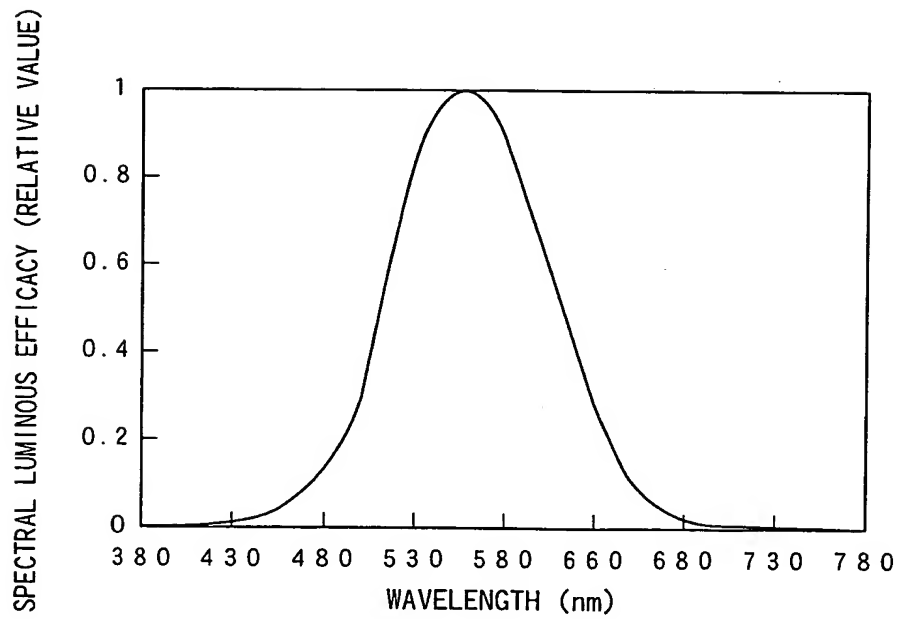


FIG. 7

| EVALUATION COEFFICIENT NAME | NO. OF FILTERS WHICH CAN BE EVALUATED AT A TIME | TAKING INTO CONSIDERATION SPECTRAL REFLECTION FACTOR OF OBJECT | TAKING INTO CONSIDERATION NOISE REDUCTION |
|--------------------------------------|--|--|--|
| q - factor | 1 | X | X |
| μ - factor | PLURAL | X | X |
| FOM (Figure of Merit) | PLURAL | O | X |
| UMG (Unified Measure of Goodness) | PLURAL | O | O |

FIG.8

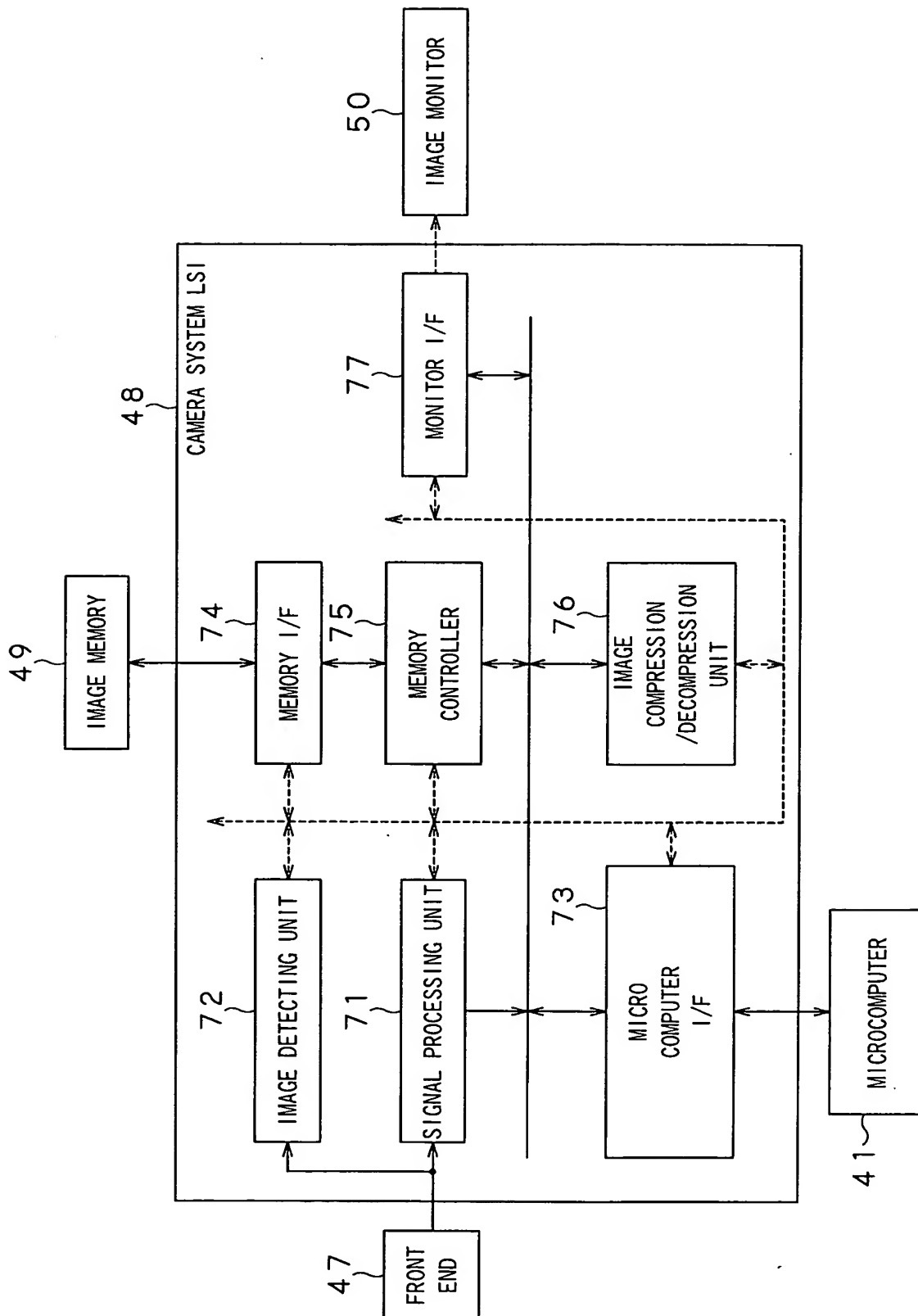


FIG.9

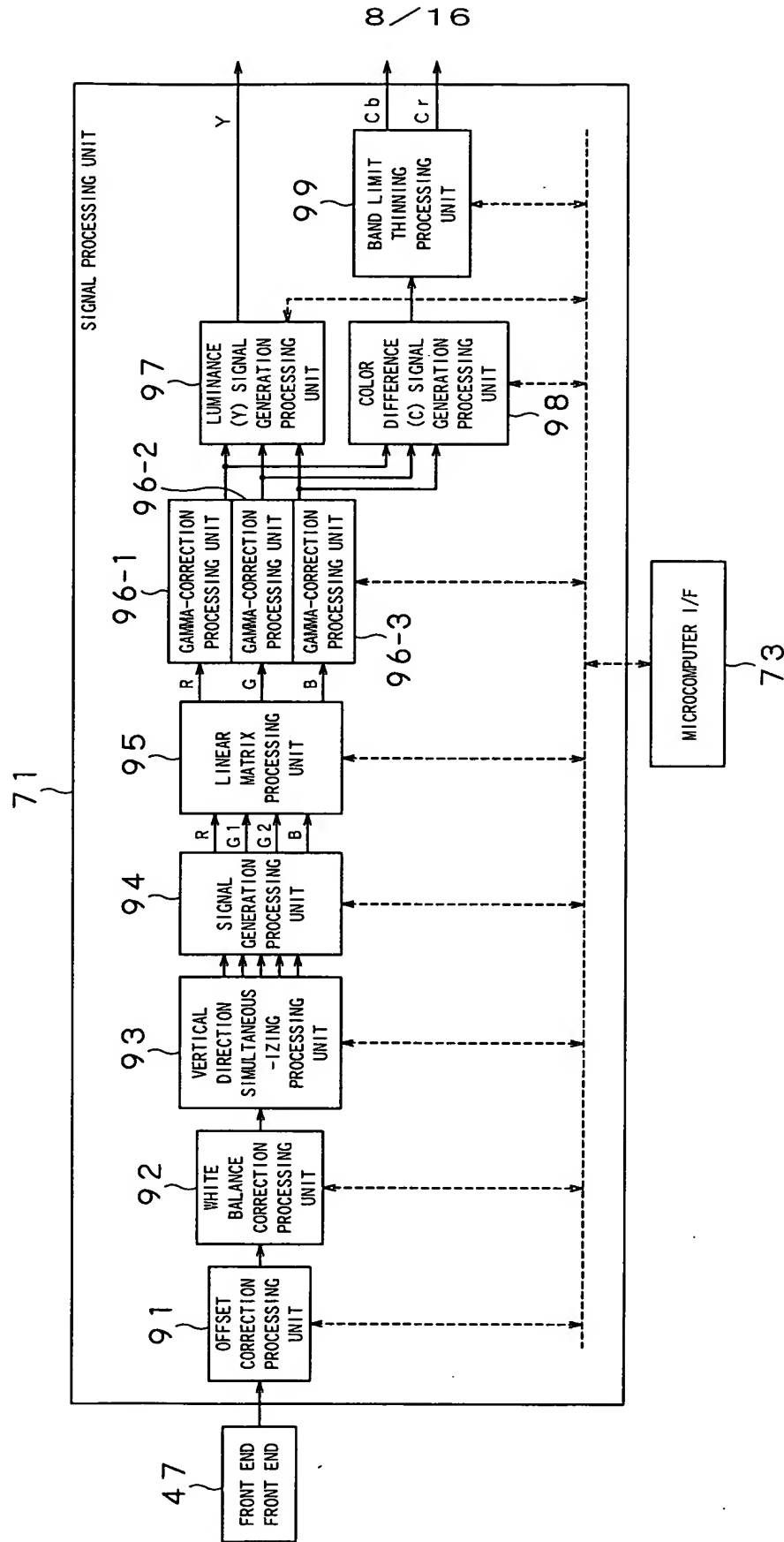


FIG.10

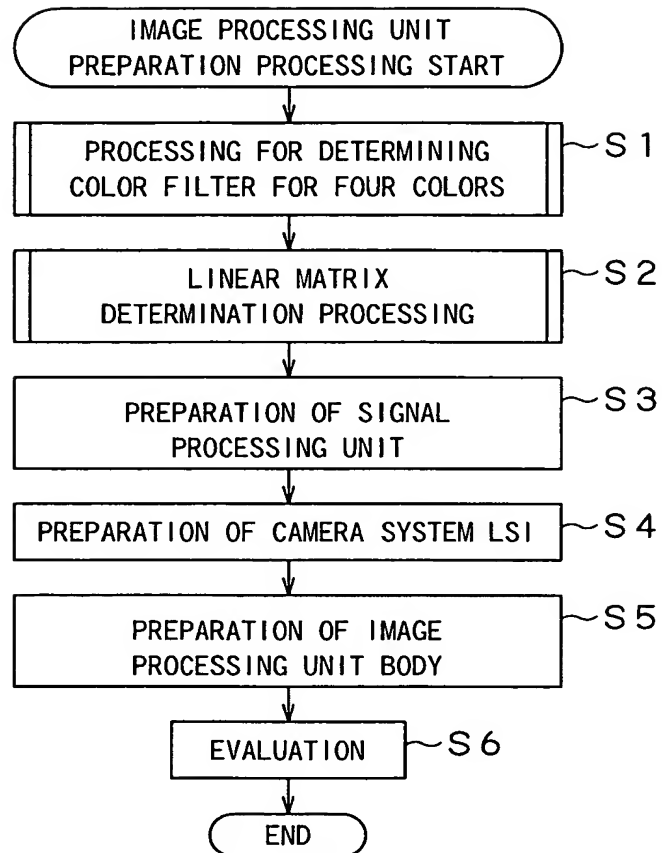


FIG. 11

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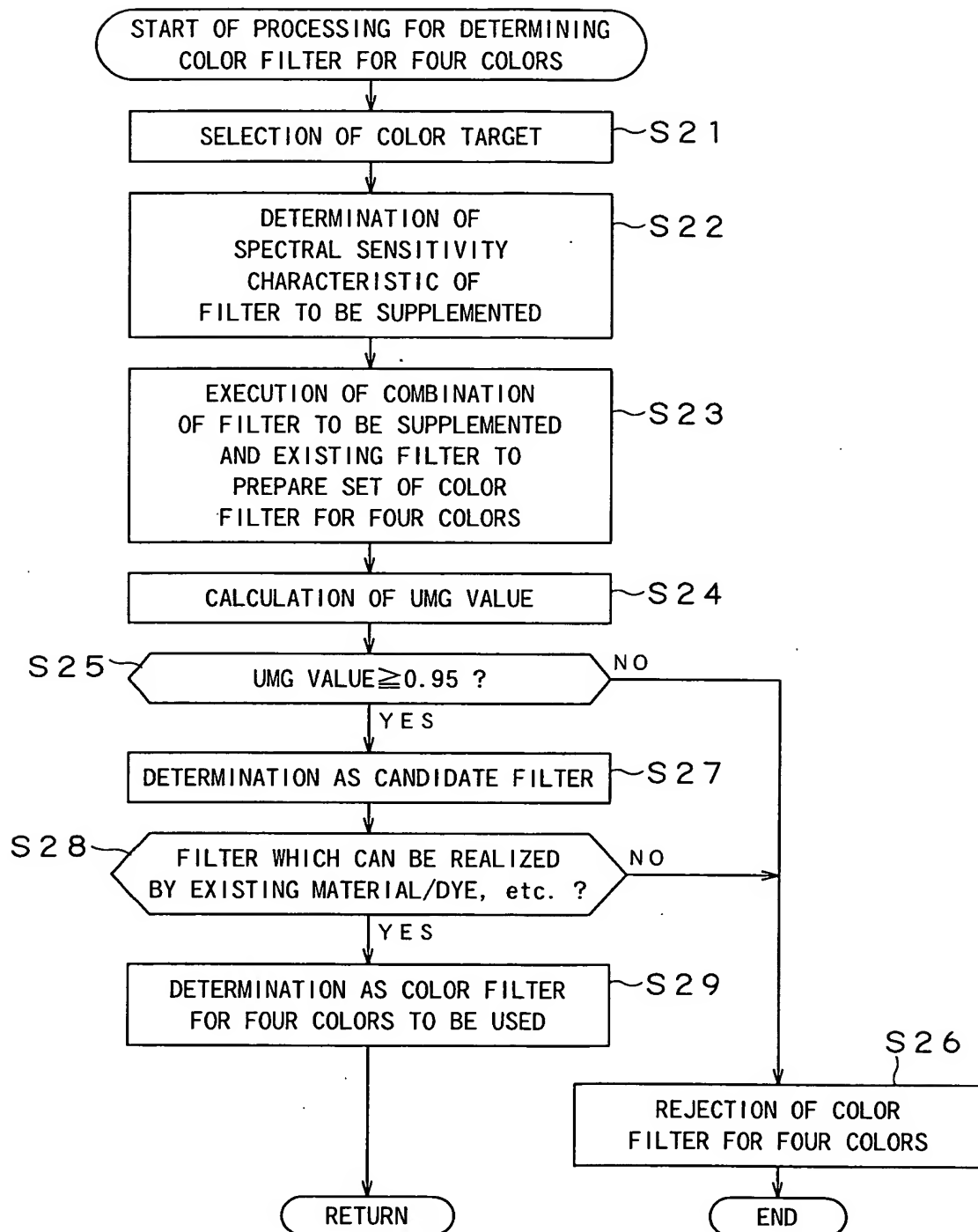


FIG. 1 2

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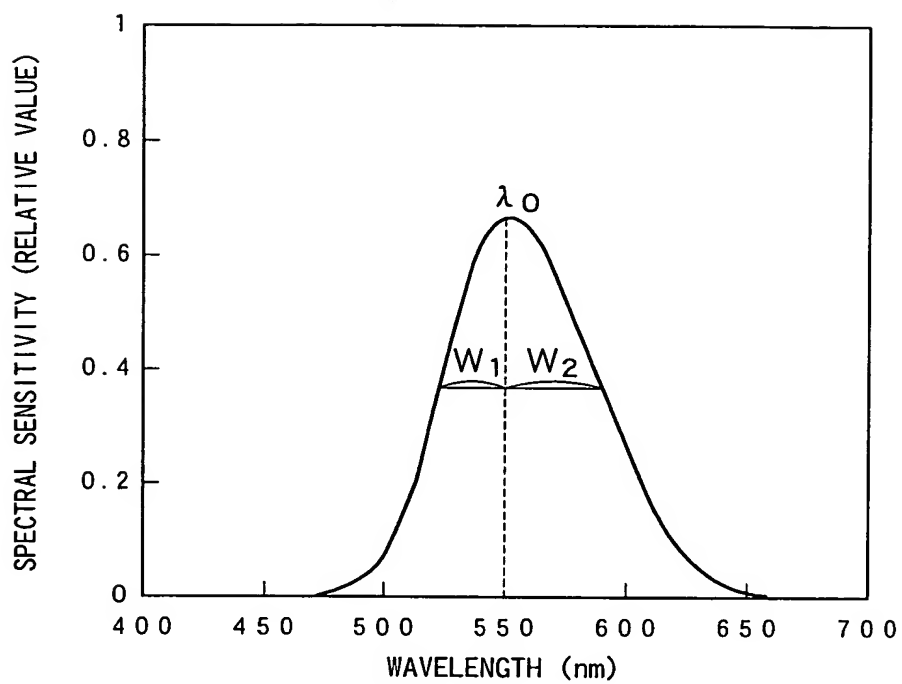


FIG. 13

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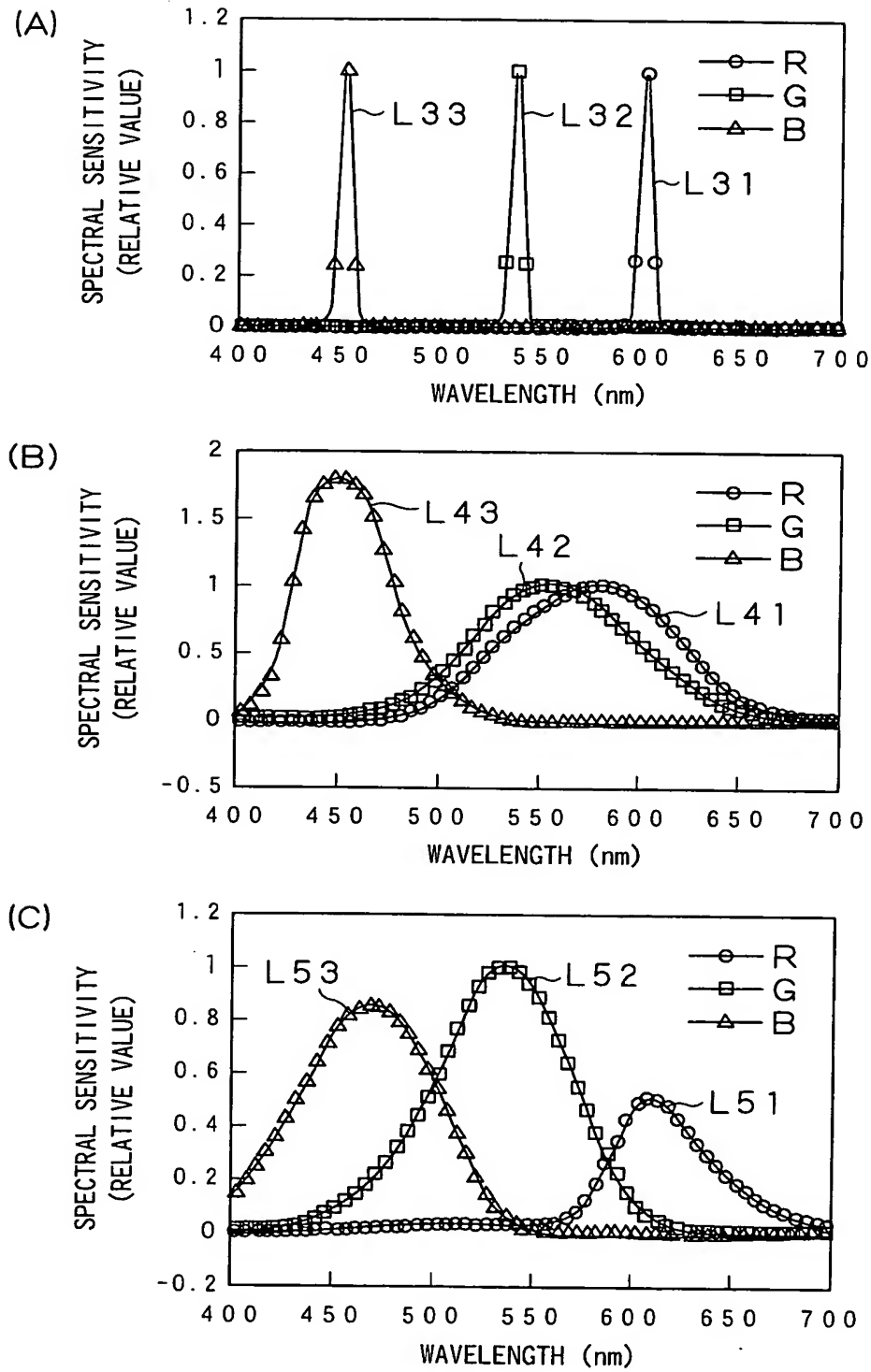


FIG. 14

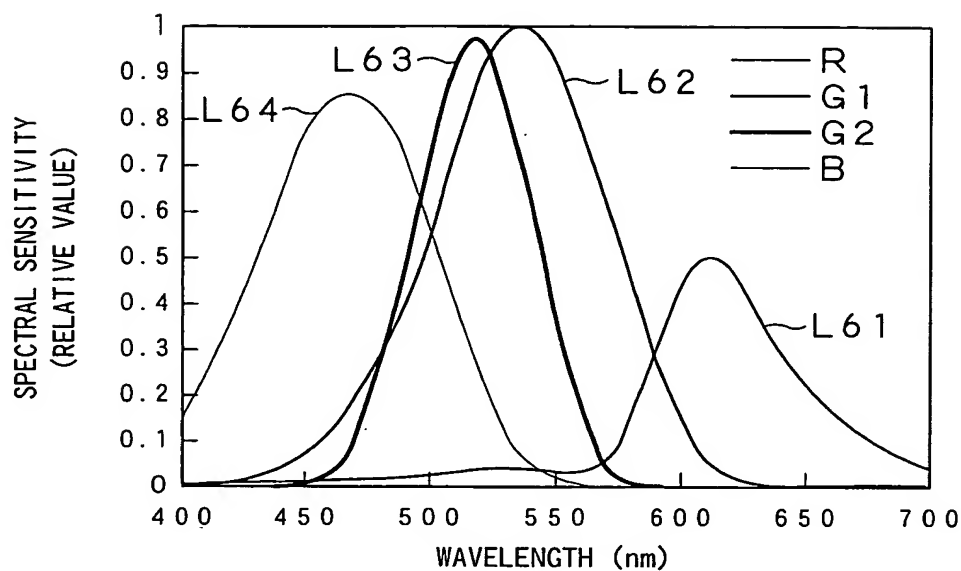


FIG. 15

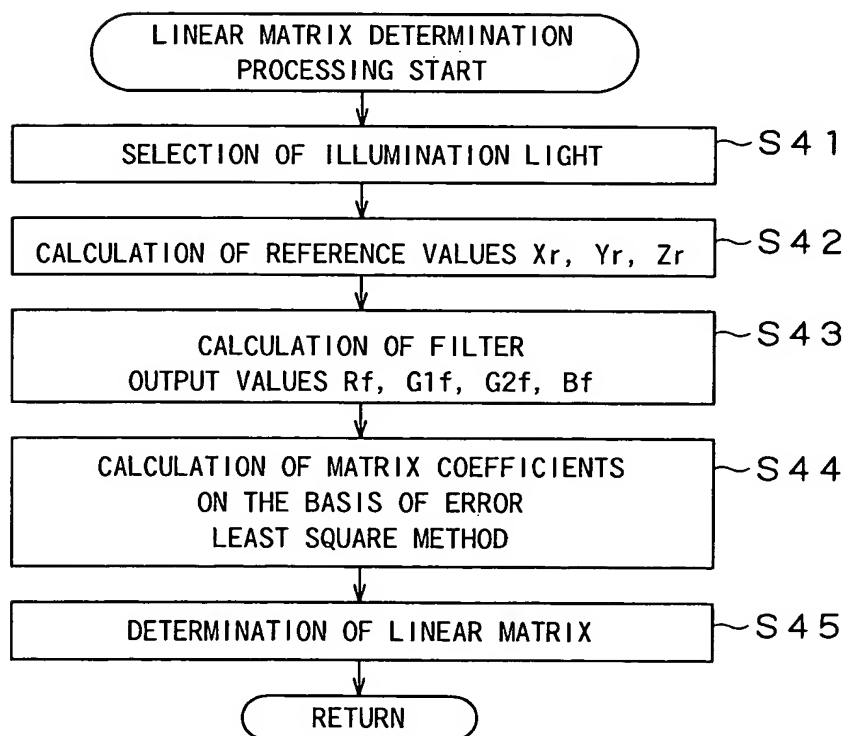


FIG. 16

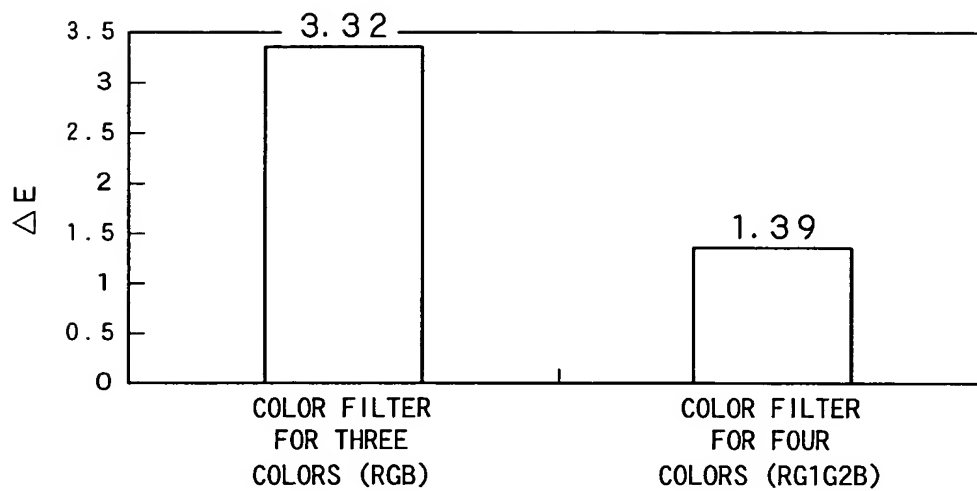


FIG. 17

| COLOR FILTER FOR FOUR FOUR COLORS HAVING SPECTRAL SENSITIVITY CHARACTERISTIC OF FIG. 15 | R | G | B |
|--|------|------|-------|
| R 1 | 49.4 | 64.1 | 149.5 |
| R 2 | 66.0 | 63.7 | 155.6 |

FIG. 18

| | | | |
|----|----|----|----|
| B | G2 | B | G2 |
| G1 | R | G1 | R |
| B | G2 | B | G2 |
| G1 | R | G1 | R |

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FIG. 19

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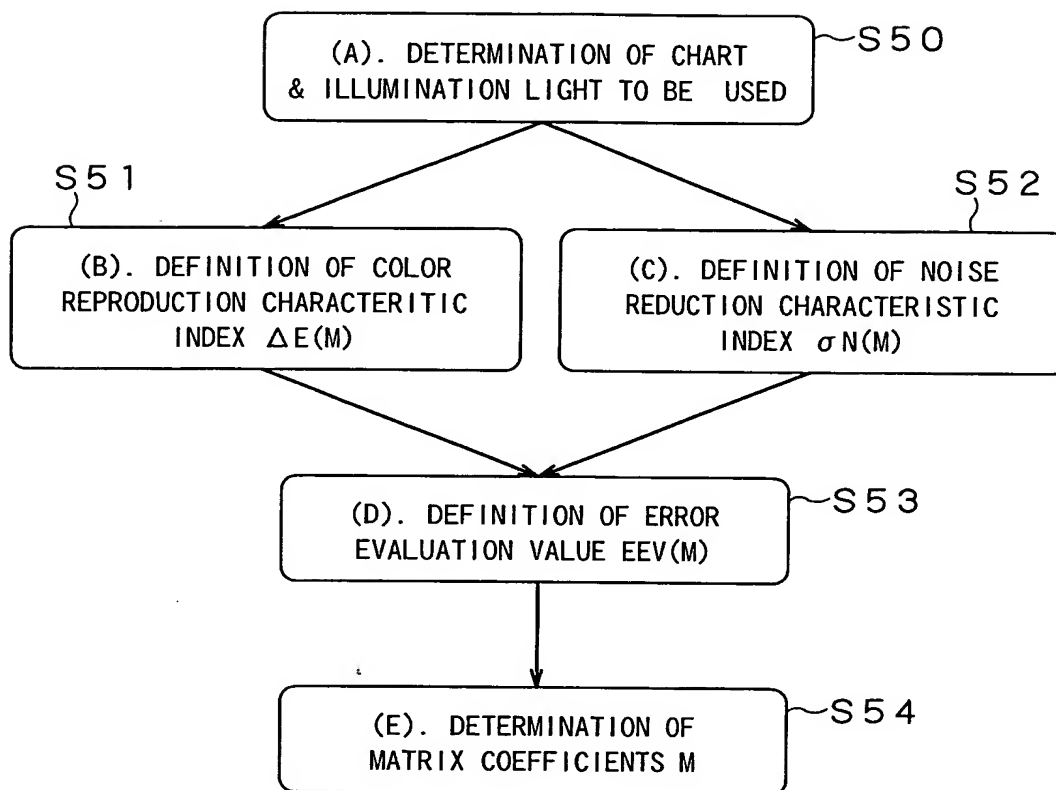


FIG.20

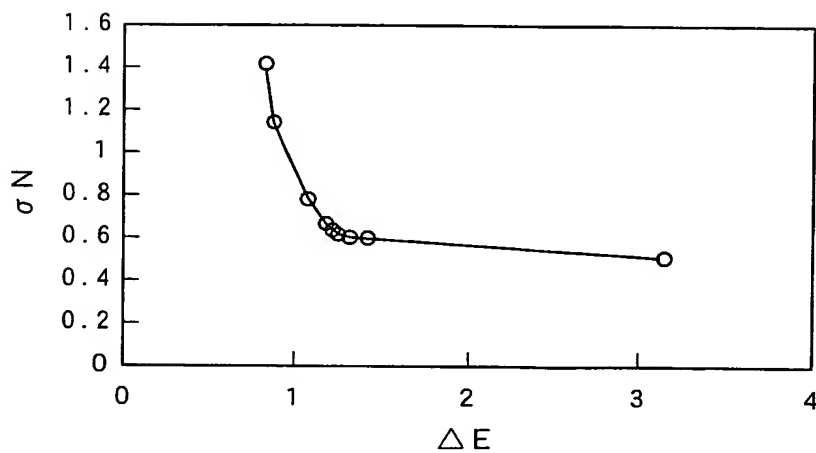


FIG.21

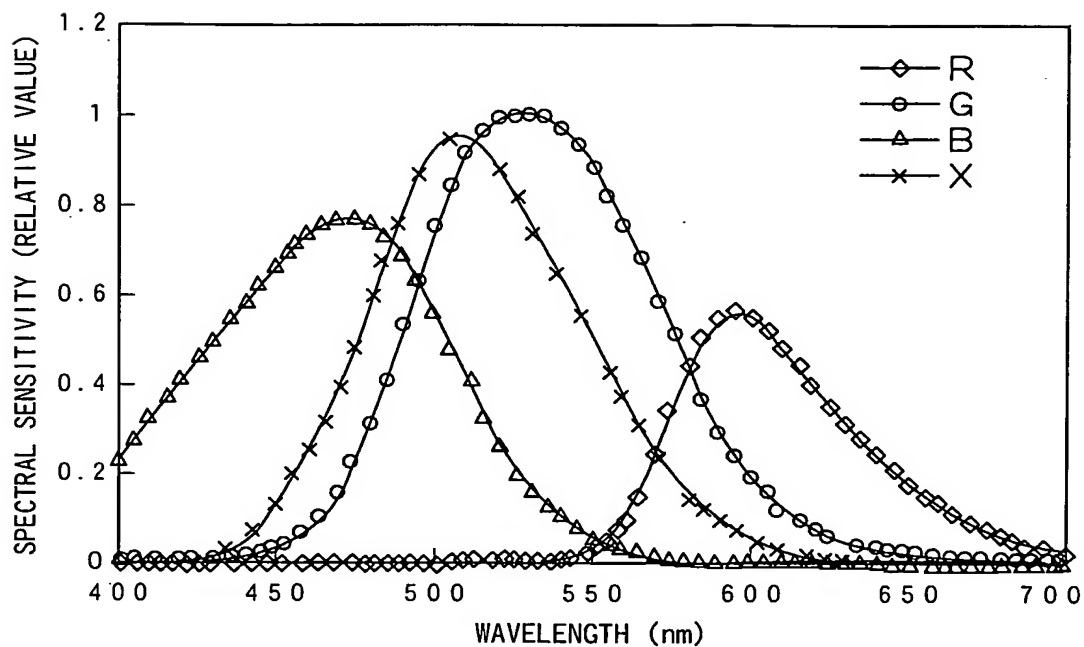


FIG.22

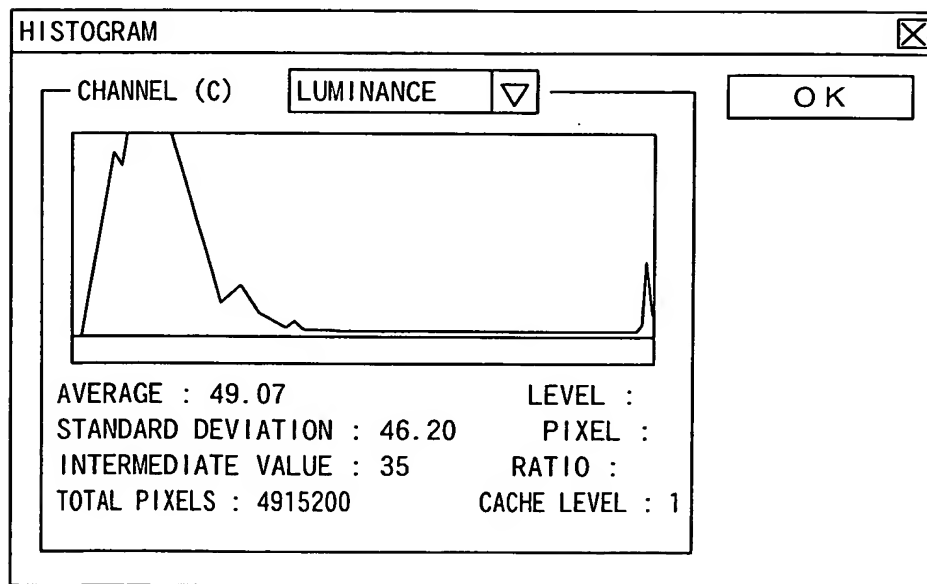


FIG.23